

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 1    | "10531058"   | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2008/12/09<br>17:39 |
| S2    | 4    | ((("2162462") or ("3987133") or ("6068609")).PN.   | USPAT; USOCR  | OR               | OFF     | 2008/12/09<br>17:43 |
| S5    | 8    | US-2162462-\$.DID. OR US-3987133-\$.DID. OR US-6068609-\$.DID. OR DE-10049869-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR               | ON      | 2008/12/11<br>10:39 |
| S6    | 16   | ("3871371"   "3961626"   "4121583"   "4276128"   "4621633"   "4825863"   "5006109"   "5013294"   "5098375"   "5139478"   "5148801"   "5246419"   "5411474").PN. OR ("6068609").URPN. | US-PGPUB;<br>USPAT; USOCR                             | OR               | ON      | 2008/12/22<br>14:30 |
| S7    | 270  | 128/200.21.ccls. and (heat and humid\$ same respiratory gas)   | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2008/12/22<br>14:44 |
| S8    | 293  | respiratory gas humidifier   | US-PGPUB;<br>USPAT                                    | SAME             | ON      | 2008/12/22<br>14:52 |
| S9    | 10   | (sprink\$ same chamber) and humidifier   | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2008/12/22<br>16:16 |
| S10   | 1    | DE-3830314-\$.did.   | EPO; JPO;<br>DERWENT                                  | OR               | ON      | 2008/12/22<br>16:32 |
| S11   | 1    | 1989-086956.NRAN.  | DERWENT   | OR               | ON      | 2008/12/22<br>16:32 |
| S12   | 2    | DE-4303645-\$.did.   | EPO; JPO;<br>DERWENT                                  | OR               | ON      | 2008/12/22<br>16:35 |

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| S13 | 1  | 1994-250121.NRAN.                            | DERWENT                                     | OR | ON | 2008/12/22<br>16:35 |
| S14 | 2  | DE-19727884-\$.did.                          | EPO; JPO;<br>DERWENT                        | OR | ON | 2008/12/22<br>16:40 |
| S15 | 1  | 1999-121973.NRAN.                            | DERWENT                                     | OR | ON | 2008/12/22<br>16:40 |
| S16 | 2  | DE-4312793-\$.did.                           | EPO; JPO;<br>DERWENT                        | OR | ON | 2008/12/22<br>16:42 |
| S17 | 1  | 1994-333805.NRAN.                            | DERWENT                                     | OR | ON | 2008/12/22<br>16:44 |
| S18 | 2  | DE-3730551-\$.did.                           | EPO; JPO;<br>DERWENT                        | OR | ON | 2008/12/22<br>16:45 |
| S19 | 1  | DE-19726110-\$.did.                          | EPO; JPO;<br>DERWENT                        | OR | ON | 2008/12/22<br>16:47 |
| S20 | 1  | DE-2834622-\$.did.                           | EPO; JPO;<br>DERWENT                        | OR | ON | 2008/12/22<br>16:48 |
| S21 | 1  | DE-4432907-\$.did.                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | ON | 2008/12/22<br>16:52 |
| S22 | 1  | DE-29612115-\$.did.                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | ON | 2008/12/22<br>16:52 |
| S23 | 2  | DE-3735219-\$.did.                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | ON | 2008/12/22<br>16:53 |
| S24 | 22 | (medical and gas and humid\$ and heat\$).ab. | US-PGPUB;<br>USPAT                          | OR | ON | 2008/12/23<br>11:07 |
| S25 | 76 | (medical and gas and humid\$ and heated)     | EPO; JPO;<br>DERWENT                        | OR | ON | 2008/12/23<br>11:08 |

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|-----|----|---|-------------------------------------|----|----|---------------------|
| S26 | 89 | (US-20060151624-\$ or US-20080302362-\$ or US-20080216829-\$ or US-20080105257-\$ or US-20080085437-\$ or US-20080078386-\$ or US-20080072903-\$ or US-20080066751-\$ or US-20080051674-\$ or US-20080047557-\$ or US-20080041388-\$ or US-20070277825-\$ or US-20070137646-\$ or US-20070079826-\$ or US-20060272639-\$ or US-20060191531-\$ or US-20060137445-\$ or US-20060124127-\$ or US-20060118111-\$ or US-20050284475-\$ or US-20040079370-\$ or US-20040060558-\$ or US-20040020487-\$ or US-20030111077-\$ or US-20030066526-\$ or US-20030012704-\$).did. or (US-20020139367-\$ or US-20020100320-\$ or US-20070283958-\$ or US-20060184096-\$ or US-20060012057-\$ or US-20040102731-\$ or US-20030059213-\$).did. or (US-6068609-\$ or US-3987133-\$ or US-2162462-\$ or US-6976489-\$ or US-5148801-\$ or US-4621633-\$ or US-4588425-\$ or US-4541966-\$ or US-4537188-\$ or US-3724454-\$ or US-7428902-\$ or US-7302949-\$ or US-7263994-\$ or US-7051733-\$ or US-7043979-\$ or US-6997183-\$ or US-6694974-\$ or US-6102037-\$ or US-6095505-\$ or US-6078730-\$ or US-6050552-\$ or US-5857062-\$ or US-5588423-\$ or US-5031612-\$ or US-4861523-\$ or US-4829998-\$).did. or (US-4753758-\$ or US-4621632-\$ or US-4596247-\$ or US-4570631-\$ or US-4529867-\$ or US-4430994-\$ or US-4192836-\$ or US-4013742-\$ or US-3982095-\$ or US-3864440-\$ or US-6167883-\$ or US-6010118-\$ or US-5769071-\$ or US-5411474-\$ or US-5163423-\$ or US-3806102-\$).did. or (DE-10049869-\$ or DE-3730551-\$).did. or (DE-3830314-\$ or DE-4303645-\$ or DE-19727884-\$ or DE-4312793-\$ or DE-19726110-\$ or GB-2002238-\$ or SE-501042-\$ or DE-29612115-\$ or DE-3735219-\$ or US-7066902-\$ or US-20040254524-\$ or EP-127368-\$).did. | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON | 2008/12/23<br>11:36 |
| S27 | 6  | S26 and (reservoir and chamber and pump and heater)   | US-PGPUB;<br>USPAT                  | OR | ON | 2008/12/23<br>11:36 |

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| S28 | 21  | S26 and (reservoir and chamber and heater)   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>12:03 |
| S29 | 21  | ("3871373"   "4038980"   "4750483"   "4770168"  <br>"4773410"   "4829998"   "5172686"   "5243973"  <br>"5390665"   "5769071").PN. OR ("6102037").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/12/23<br>12:24 |
| S30 | 9   | S26 and ((water or liquid) near5 pump)   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>13:57 |
| S31 | 49  | S26 and method   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>14:57 |
| S32 | 36  | S26 and plate  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>15:34 |
| S33 | 1   | "5171486".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>15:37 |
| S34 | 453 | 128/200.21.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>15:42 |
| S35 | 208 | 128/200.11.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>16:30 |
| S36 | 154 | 128/201.13.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>16:39 |
| S37 | 328 | 128/204.17.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>16:46 |
| S38 | 128 | 128/205.18.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/12/23<br>16:59 |

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| S39 | 93 | (US-20060151624-\$ or US-20080302362-\$ or US-20080216829-\$ or US-20080105257-\$ or US-20080085437-\$ or US-20080078386-\$ or US-20080072903-\$ or US-20080066751-\$ or US-20080051674-\$ or US-20080047557-\$ or US-20080041388-\$ or US-20070277825-\$ or US-20070137646-\$ or US-20070079826-\$ or US-20060272639-\$ or US-20060191531-\$ or US-20060137445-\$ or US-20060124127-\$ or US-20060118111-\$ or US-20050284475-\$ or US-20040079370-\$ or US-20040060558-\$ or US-20040020487-\$ or US-20030111077-\$ or US-20030066526-\$ or US-20030012704-\$).did. or (US-20020139367-\$ or US-20020100320-\$ or US-20070283958-\$ or US-20060184096-\$ or US-20060012057-\$ or US-20040102731-\$ or US-20030059213-\$ or US-20060201506-\$ or US-20060219243-\$).did. or (US-6068609-\$ or US-3987133-\$ or US-2162462-\$ or US-6976489-\$ or US-5148801-\$ or US-4621633-\$ or US-4588425-\$ or US-4541966-\$ or US-4537188-\$ or US-3724454-\$ or US-7428902-\$ or US-7302949-\$ or US-7263994-\$ or US-7051733-\$ or US-7043979-\$ or US-6997183-\$ or US-6694974-\$ or US-6102037-\$ or US-6095505-\$ or US-6078730-\$ or US-6050552-\$ or US-5857062-\$ or US-5588423-\$ or US-5031612-\$ or US-4861523-\$ or US-4829998-\$).did. or (US-4753758-\$ or US-4621632-\$ or US-4596247-\$ or US-4570631-\$ or US-4529867-\$ or US-4430994-\$ or US-4192836-\$ or US-4013742-\$ or US-3982095-\$ or US-3864440-\$ or US-6167883-\$ or US-6010118-\$ or US-5769071-\$ or US-5411474-\$ or US-5163423-\$ or US-3806102-\$ or US-5172686-\$ or US-5171486-\$).did. or (DE-10049869-\$ or DE-3730551-\$).did. or (DE-3830314-\$ or DE-4303645-\$ or DE-19727884-\$ or DE-4312793-\$ or DE-19726110-\$ or GB-2002238-\$ or SE-501042-\$ or DE-29612115-\$ or DE-3735219-\$ or US-7066902-\$ or US-20040254524-\$ or EP-127368-\$).did. | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON | 2008/12/24<br>09:47 |
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| S40 | 52 | S39 and method  | US-PGPUB;<br>USPAT                  | OR | ON | 2008/12/24<br>09:48 |
| S41 | 46 | humidifier same(stack near5 plates)   | US-PGPUB;<br>USPAT                  | OR | ON | 2008/12/24<br>10:58 |
| S43 | 6  | S39 and (rotat\$ same plate)  | US-PGPUB;<br>USPAT                  | OR | ON | 2008/12/24<br>11:05 |
| S44 | 1  | DE-3308871-\$.did.  | EPO; JPO;<br>DERWENT                | OR | ON | 2008/12/24<br>11:34 |
| S45 | 96 | (US-20060151624-\$ or US-20080302362-\$ or US-20080216829-\$ or US-20080105257-\$ or US-20080085437-\$ or US-20080078386-\$ or US-20080072903-\$ or US-20080066751-\$ or US-20080051674-\$ or US-20080047557-\$ or US-20080041388-\$ or US-20070277825-\$ or US-20070137646-\$ or US-20070079826-\$ or US-20060272639-\$ or US-20060191531-\$ or US-20060137445-\$ or US-20060124127-\$ or US-20060118111-\$ or US-20050284475-\$ or US-20040079370-\$ or US-20040060558-\$ or US-20040020487-\$ or US-20030111077-\$ or US-20030066526-\$ or US-20030012704-\$).did. or (US-20020139367-\$ or US-20020100320-\$ or US-20070283958-\$ or US-20060184096-\$ or US-20060012057-\$ or US-20040102731-\$ or US-20030059213-\$ or US-20060201506-\$ or US-20060219243-\$).did. or (US-6068609-\$ or US-3987133-\$ or US-2162462-\$ or US-6976489-\$ or US-5148801-\$ or US-4621633-\$ or US-4588425-\$ or US-4541966-\$ or US-4537188-\$ or US-3724454-\$ or US-7428902-\$ or US-7302949-\$ or US-7263994-\$ or US-7051733-\$ or US-7043979-\$ or US-6997183-\$ or US-6694974-\$ or US-6102037-\$ or US-6095505-\$ or US-6078730-\$ or US-6050552-\$ or US-5857062-\$ or US-5588423-\$ or US-5031612-\$ or US-4861523-\$ or US-4829998-\$).did. or (US-4753758-\$ or US-4621632-\$ or US-4596247-\$ or US-4570631-\$ or US-4529867-\$ or US-4430994-\$ or US-4192836-\$ or US-4013742-\$ or US-3982095-\$ or US- | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON | 2008/12/24<br>11:36 |

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|     |    | 3864440-\$ or US-6167883-\$ or US-6010118-\$ or US-5769071-\$ or US-5411474-\$ or US-5163423-\$ or US-3806102-\$ or US-5172686-\$ or US-5171486-\$ or US-5578113-\$ or US-4829781-\$).did. or (DE-10049869-\$ or DE-3730551-\$).did. or (DE-3830314-\$ or DE-4303645-\$ or DE-19727884-\$ or DE-4312793-\$ or DE-19726110-\$ or GB-2002238-\$ or SE-501042-\$ or DE-29612115-\$ or DE-3735219-\$ or US-7066902-\$ or US-20040254524-\$ or EP-127368-\$ or DE-3308871-\$).did.   |                                     |     |    |                     |
| S46 | 58 | S45 and (method or process)   | US-PGPUB;<br>USPAT                  | OR  | ON | 2008/12/24<br>11:37 |
| S47 | 96 | (US-20060151624-\$ or US-20080302362-\$ or US-20080216829-\$ or US-20080105257-\$ or US-20080085437-\$ or US-20080078386-\$ or US-20080072903-\$ or US-20080066751-\$ or US-20080051674-\$ or US-20080047557-\$ or US-20080041388-\$ or US-20070277825-\$ or US-20070137646-\$ or US-20070079826-\$ or US-20060272639-\$ or US-20060191531-\$ or US-20060137445-\$ or US-20060124127-\$ or US-20060118111-\$ or US-20050284475-\$ or US-20040079370-\$ or US-20040060558-\$ or US-20040020487-\$ or US-20030111077-\$ or US-20030066526-\$ or US-20030012704-\$).did. or (US-20020139367-\$ or US-20020100320-\$ or US-20070283958-\$ or US-20060184096-\$ or US-20060012057-\$ or US-20040102731-\$ or US-20030059213-\$ or US-20060201506-\$ or US-20060219243-\$).did. or (US-6068609-\$ or US-3987133-\$ or US-2162462-\$ or US-6976489-\$ or US-5148801-\$ or US-4621633-\$ or US-4588425-\$ or US-4541966-\$ or US-4537188-\$ or US-3724454-\$ or US-7428902-\$ or US-7302949-\$ or US-7263994-\$ or US-7051733-\$ or US-7043979-\$ or US-6997183-\$ or US-6694974-\$ or US-6102037-\$ or US-6095505-\$ or US-6078730-\$ or US-6050552-\$ or US-5857062-\$ or US-5588423-\$ or US-5031612-\$ or US-4861523-\$ or US-4829998-\$).did. or (US-4753758-\$ or US-4621632-\$ or US-4596247-\$ or US- | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/06/24<br>14:25 |

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|     |      | 4570631-\$ or US-4529867-\$ or US-4430994-\$ or US-4192836-\$ or US-4013742-\$ or US-3982095-\$ or US-3864440-\$ or US-6167883-\$ or US-6010118-\$ or US-5769071-\$ or US-5411474-\$ or US-5163423-\$ or US-3806102-\$ or US-5172686-\$ or US-5171486-\$ or US-5578113-\$ or US-4829781-\$).did. or (DE-10049869-\$ or DE-3730551-\$).did. or (DE-3830314-\$ or DE-4303645-\$ or DE-19727884-\$ or DE-4312793-\$ or DE-19726110-\$ or GB-2002238-\$ or SE-501042-\$ or DE-29612115-\$ or DE-3735219-\$ or US-7066902-\$ or US-20040254524-\$ or EP-127368-\$ or DE-3308871-\$).did. |                    |     |    |                     |
| S48 | 3    | S47 and (fluid with circulat\$3)  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>14:26 |
| S49 | 0    | humidification and sprinkler  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>15:48 |
| S50 | 0    | humidify and sprinkler  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>15:48 |
| S51 | 0    | humidifecation and sprinkler  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>15:48 |
| S52 | 108  | humidification and sprinkler  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>15:48 |
| S53 | 70   | S47 and (heat)  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>16:13 |
| S54 | 51   | S47 and (heat with water)   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>16:13 |
| S55 | 45   | S47 and valve   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>16:56 |
| S56 | 7    | (humidification with chamber) and depressurization  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>17:20 |
| S57 | 2849 | pressur\$4 same humidif\$7 same (chamber or device or apparatus)  | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>17:26 |
| S58 | 225  | pressurized same humidification same (chamber or device or apparatus)   | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>17:26 |



|     |      |  |                    |     |    |                     |
|-----|------|--|--------------------|-----|----|---------------------|
| S59 | 154  | S58 and valve                                | US-PGPUB;<br>USPAT | AND | ON | 2009/06/24<br>17:44 |
| S60 | 1228 | 128/200.21,200.11,201.13,204.17,205.18.ccls. | US-PGPUB;<br>USPAT | AND | ON | 2009/06/25<br>17:22 |

6/26/2009 12:43:40 PM

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